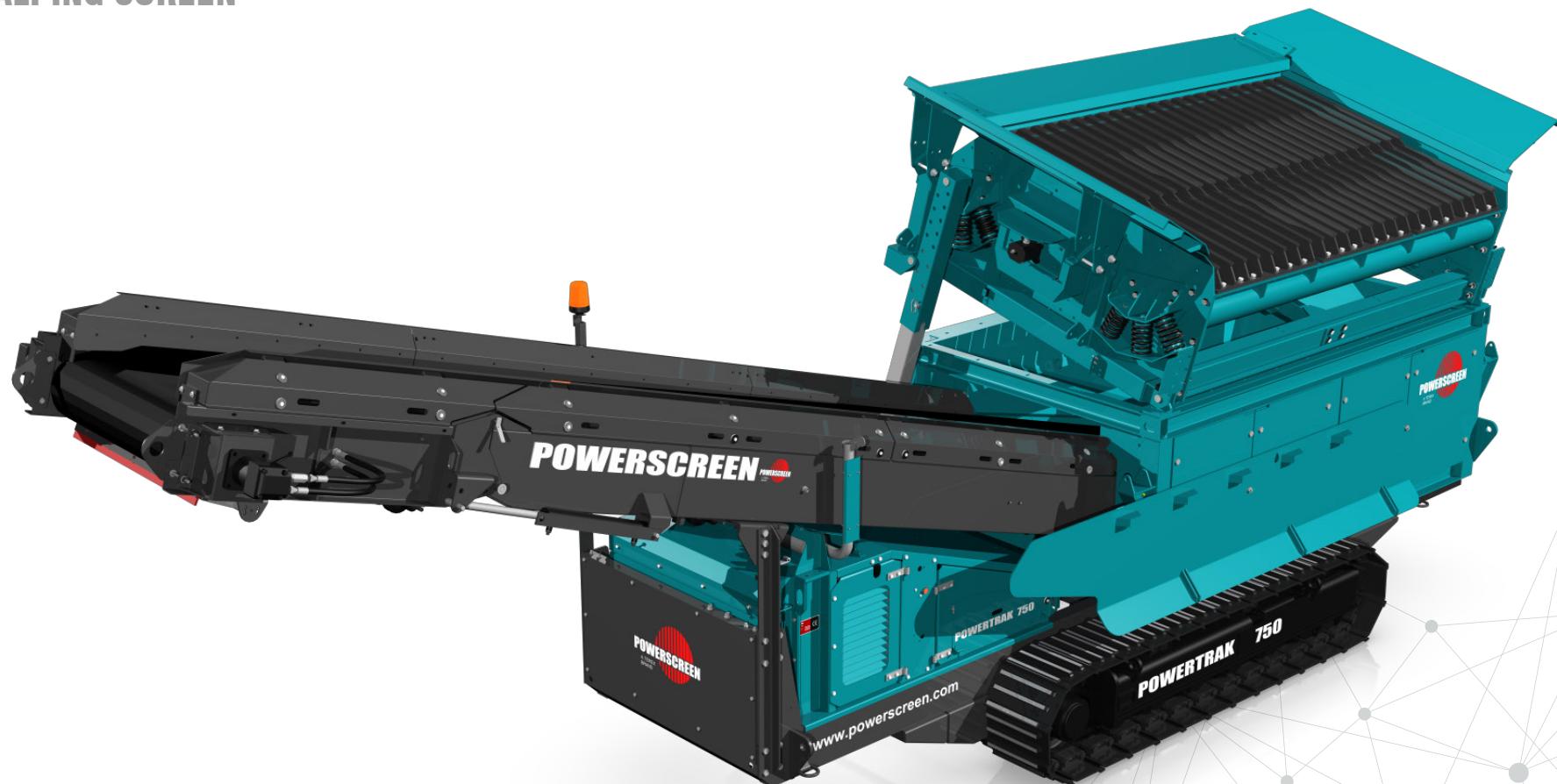


POWERSCREEN® 750 POWERTRAK

SCALPING SCREEN



TECHNICAL SPECIFICATION - REV 6. 01/02/2023





750 POWERTRAK SCREEN



OVERVIEW

SPECIFICATION

Total weight	19,000kg (41,888lbs)
Transport	Length 9.44m (30' 11") Height 3.2m (10' 7") Width 2.82m (9' 3")
Working	Length 10.6m (34' 10") Height 4.1m (13' 5") Width 2.7m (8' 10")
Screenbox:	4.5m x 2.75m (14' 9" x 9')
Power Unit	Diesel Hydraulic
Paint Colour	RAL 5021, RAL 7024, & RAL 9005

(Weight & dimensions are approximate base unit values)

FEATURES & BENEFITS

The Powerscreen® Powertrak 750 is a self-contained high capacity mobile scalping unit. With its robust construction the Powertrak 750 can easily withstand the toughest scalping applications and is versatile enough to perform at an equally high level in fine screening applications.

The vibrating grid length offers a huge target area which ensures straightforward feeding with either a wheel loader or an excavator. This coupled with its compact, sleek design and ease of movement makes the Powertrak 750 the ultimate choice for contractors, quarry operators & recycling customers.

- High capacity up to 600tph / 660 US tph (depending on application & media fitted)
- Quick set-up and tear down times
- Easily transported
- Maximum mobility with heavy duty, low ground pressure tracks
- High performance hydraulic system - cast iron pumps & motors complete with hydraulic cooler
- Efficient design with low fuel consumption
- User-friendly operation & maintenance
- Class-leading stockpiling capacity
- Easily accessed power unit canopy
- Powerscreen Pulse telemetry as standard

APPLICATIONS



Aggregate

Sand & gravel
Blasted rock
River rock



Recycling

C&D waste
Overburden
Foundry waste
Topsoil



Mining

Processed ores
Processed minerals



750 POWERTRAK SCREEN



VIBRATING GRID & HOPPER

Split level scalping grizzly with 3 T-Bar interchangeable cassettes and feed plate, mounted on 12 heavy duty springs.

3 easy-to-change end-tensioned meshes on bottom deck

Standard grid opening: 150mm (6"), Optional: 100mm (4")

Standard bottom deck woven mesh aperture: 60mm (2.4")

Grid opening: 3.35m (11')

Feed opening with wing plates: 4.41m (14' 6")

Grid length: 2.6m (8' 6") (with feed plate)

Grid aperture: 100mm (4"), 150mm (6")

Grid angle: hydraulically variable between 2° and 25°

Hopper capacity: 5m³ (6.5 cu.yd.)

Heavy duty feed shroud supported from grid sub-frame





750 POWERTRAK SCREEN



DISCHARGE CONVEYOR

1200mm wide (3' 11"), EP 500 / 3 ply belt with 5+1,5mm cover

Hydraulic drive with steel skirting

Heavy duty impact roller in hopper

Max speed T3 : 80m/min,

T4 : 69m/min

Twin drive system

3.4m (11' 2") stockpile height

58m³ (76 cu.yd.) stockpile capacity

Hydraulically folds for transport





750 POWERTRAK SCREEN



TRACKS

Track width: 400mm (1' 4")

Sprocket centres: 2.96m (9' 8")

Gradability: 41.7°

Tracks fully protected by heavy duty deflector plate

Optional radio remote control





750 POWERTRAK SCREEN



POWER UNIT & HYDRAULICS

Engine Tier 3 Equivalent:

Deutz D914 L04i

Performance:

53 kW (71hp) @ 2300rpm

Engine Tier 4F:

CAT C2.2

Performance:

50 kW (67hp) @ 1800rpm

Engine Stage V:

CAT C2.2

Performance:

50 kW (67hp) @ 1800rpm

Tank Capacities:

Hydraulic tank T3:

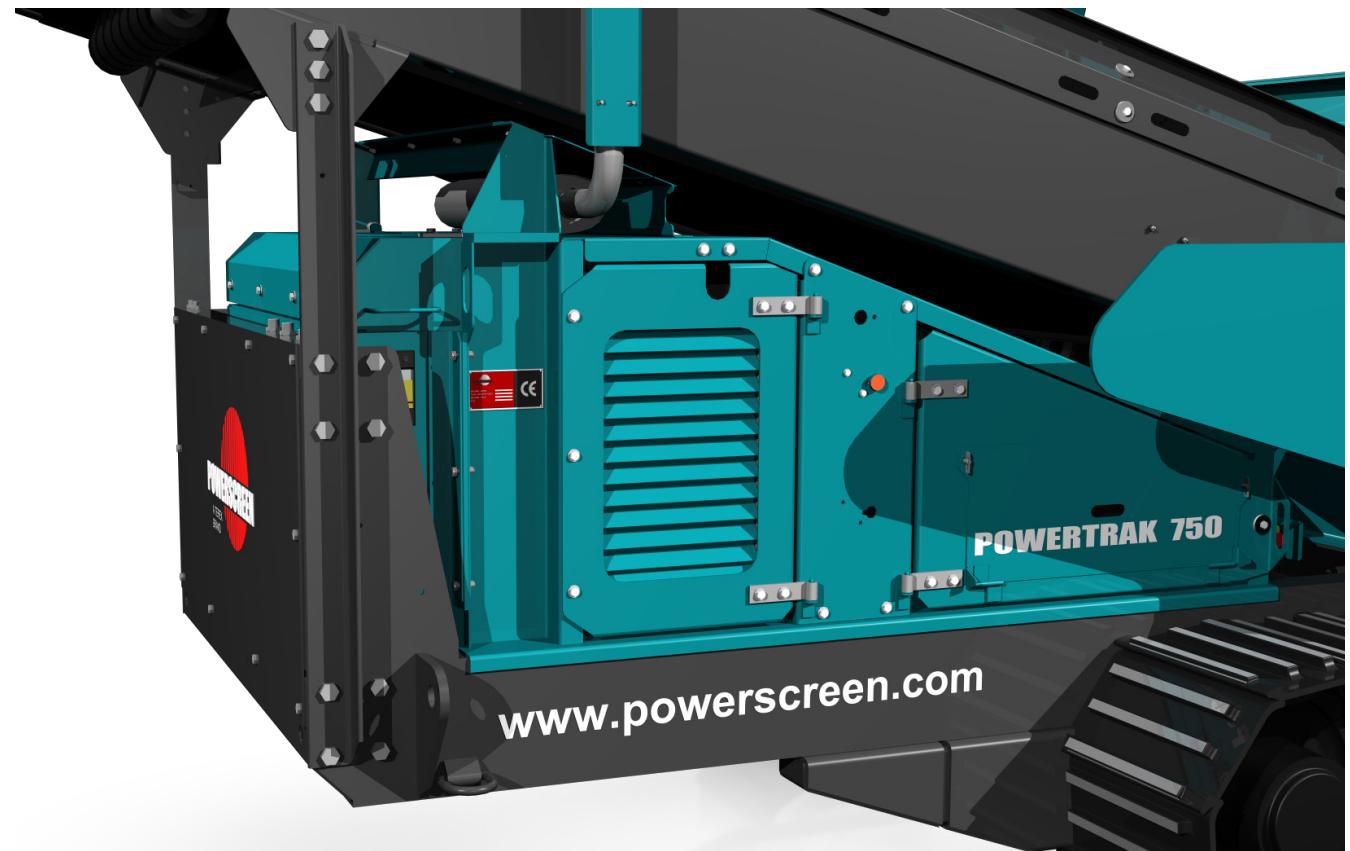
490 litres (129 US Gal)

Hydraulic tank T4:

460 litres (122 US Gal)

Fuel tank:

145 litres (38 US Gal)





750 POWERTRAK SCREEN



OPTIONS

- Radio controlled tracking
- Hydraulic oil grade 68
- 6mm wear resistant lining in hopper
- Custom colour machine





750 POWERTRAK SCREEN



POWERSCREEN PULSE

RECORD, DISPLAY AND ANALYSE DATA: HIGH EFFICIENCY THROUGH PRECISE INFORMATION

Powerscreen Pulse is a system which allows the machine to relay performance and production data via phone networks, or by satellite when there's no cellular signal, to any device with a web browser, such as a PC, tablet or Smartphone. Please contact the factory for further information.

AVAILABLE ANYWHERE AND AT ANY TIME

DASHBOARD DISPLAY

FLEET OVERVIEW

WEEKLY REPORT DIRECT TO YOUR INBOX

GPS: MACHINE TRACKING

REPORTING
UTILISATION, PERFORMANCE & PART SPECIFIC

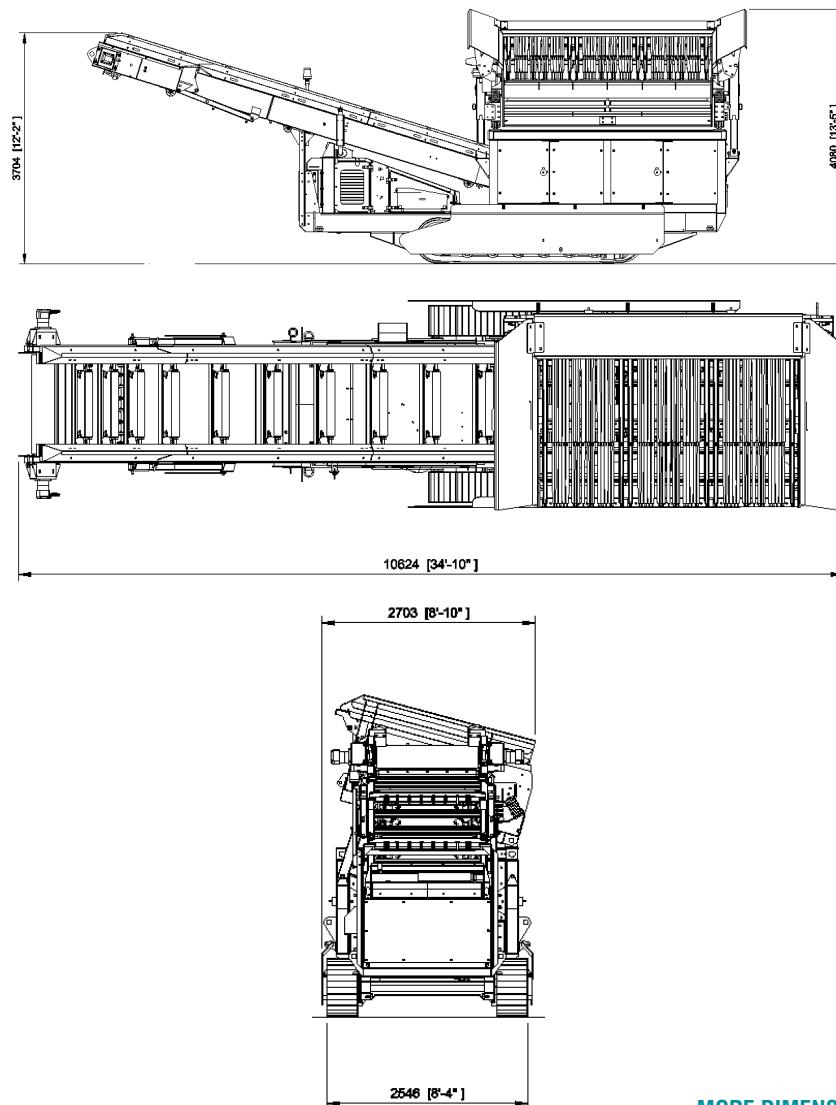


750 POWERTRAK SCREEN



DIMENSIONS

Figure 1: Powertrak 750
Working Position



MORE DIMENSIONS OVERLEAF

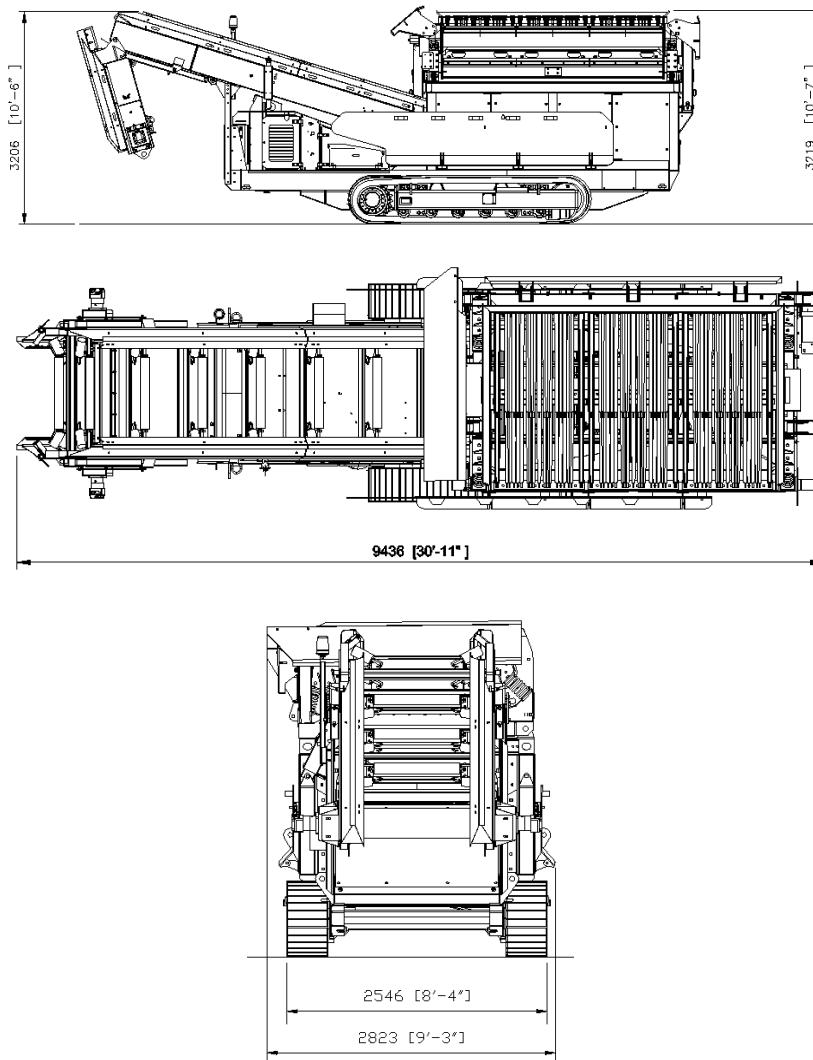


750 POWERTRAK SCREEN



DIMENSIONS

Figure 2: Powertrak 750
Transport Position



Powerscreen equipment complies with CE requirements.

Please consult Powerscreen if you have any other specific requirements in respect of guarding, noise or vibration levels, dust emissions, or any other factors relevant to health and safety measures or environmental protection needs. On receipt of specific requests, we will endeavour to ascertain the need for additional equipment and, if appropriate, quote extra to contract prices.

All reasonable steps have been taken to ensure the accuracy of this publication, however due to a policy of continual product development we reserve the right to change specifications without notice.

It is the importers' responsibility to check that all equipment supplied complies with local legislation regulatory requirements.

Plant performance figures given in this brochure are for illustration purposes only and will vary depending upon various factors, including feed material gradings and characteristics. Information relating to capacity or performance contained within this publication is not intended to be, nor will be, legally binding.

GET IN TOUCH

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APPENDIX 1 - ENGINE OPTIONS

- Powerunit options that may be fitted in place of technical specification offering subject to availability

Screens – Tier 4 Final

CAT C4.4 82kW (110hp) @ 2200rpm as per Chieftain 1400, Chieftain 1500, Chieftain 2100X 2 deck, Chieftain 2200 2 deck and Warrior 1800

Option 1.) CAT C3.6 82kW (110hp) @ 2200rpm

Option 2.) CAT C4.4 102kW (137hp) @ 2200rpm

CAT C4.4 98kW (131hp) @ 2200rpm as per Chieftain 2100X 3 deck and Chieftain 2200 3 deck

Option 1.) CAT C4.4 102kW (137hp) @ 2200rpm

CAT C4.4 82kW (110hp) @ 1800rpm as per Chieftain 1700X and Warrior 1400X

Option 1.) CAT C3.6 82kW (110hp) @ 1800rpm

Option 2.) CAT C4.4 98kW (131hp) @ 1800rpm

Screens – Stage V

CAT C4.4 102kW (137hp) @ 2200rpm as per Chieftain 1400, Chieftain 1500, Chieftain 2100X, Chieftain 2200 and Warrior 1800

Option 1.) CAT C3.6 82kW (110hp) @ 2200rpm

Option 2.) JCB 4.8 81kW (109hp) @ 2200rpm

Option 3.) JCB 4.8 97kW (130hp) @ 2200rpm

Option 4.) Deutz TD3.6 100kW (134hp) @ 2200rpm

CAT C4.4 98kW (131hp) @ 1800rpm as per Chieftain 1700X, Warrior 1400X and Warrior 2100

Option 1.) CAT C3.6 82kW (110hp) @ 1800rpm

Option 2.) CAT C4.4 98kW (131hp) @ 1800rpm

Option 3.) JCB 4.8 80kW (108hp) @ 1800rpm

Option 4.) Deutz TD3.6 92kW (123hp) @ 1800rpm

